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WATER SUPPLY OUTLOOK FOR UTAH



U. S. DEPARTMENT of AGRICULTURE ★ SOIL CONSERVATION SERVICE

Collaborating with

**UTAH STATE DEPARTMENT OF NATURAL RESOURCES
-- DIVISION OF WATER RIGHTS**

AS OF
JUNE 1, 1975

Data included in this report were obtained by the agencies named above in cooperation with Federal, State and private organizations listed inside the back cover of this report.

TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season will interact with a resultant average effect on runoff. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent at surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1900 snow courses in Western United States and in the Columbia Basin in British Columbia. Networks of automatic snow water equivalent and related data sensing devices, along with radio telemetry are expanding and will provide a continuous record of snow water and other parameters at key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data on reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

*Cover Photo: Cabins near Sacajawea Snow Course
in Bridger Mountains, Montana.*

SOS PHOTO 11-P480-15

PUBLISHED BY SOIL CONSERVATION SERVICE

The Soil Conservation Service publishes reports following the principal snow survey dates from January 1 through June 1 in cooperation with state water administrators, agricultural experiment stations and others. Copies of the reports for Western United States and all state reports may be obtained from Soil Conservation Service, West Technical Service Center, Room 111, 511 N.W. Broadway, Portland, Oregon 97209.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states:

STATE	ADDRESS
Alaska	204 E. 5th. Ave., Room 217, Anchorage, Alaska 99501
Arizona	6029 Federal Building, Phoenix, Arizona 85025
Colorado (N. Mex.)	P. O. Box 17107, Denver, Colorado 80217
Idaho	Room 345, 304 N. 8th. St., Boise, Idaho 83702
Montana	P. O. Box 98, Bozeman, Montana 59715
Nevada	P. O. Box 4850, Reno Nevada 89505
Oregon	1218 S. W. Washington St., Portland, Oregon 97205
Utah	4012 Federal Bldg., 125 South State St., Salt Lake City, Utah 84138
Washington	360 U.S. Court House, Spokane, Washington 99201
Wyoming	P. O. Box 2440, Casper, Wyoming 82601

PUBLISHED BY OTHER AGENCIES

Water Supply Outlook reports prepared by other agencies include a report for California by the Water Supply Forecast and Snow Surveys Unit, California Department of Water Resources, P. O. Box 388, Sacramento, California 95802 --- and for British Columbia by the Department of Lands, Forests and Water Resources, Water Resources Service, Parliament Building, Victoria, British Columbia



WATER SUPPLY OUTLOOK FOR UTAH

and
FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

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WATER SUPPLY OUTLOOK

as of
June 1, 1975

* Utah's Water Supply Outlook ranges from near average to excellent. *
* Snow cover is a new record high for June 1 after a month of cool, *
* wet weather. Most reservoirs are full or expected to be filled by *
* delayed runoff. *

SNOW COVER

As a result of unseasonably cold temperatures during May, record high snow water content for the June 1 measurements occurred throughout the state. This year is similar to the late snow years of 1957, 1965, and 1968. All time records for June 1 water content have been set on more than 30 snow courses in Utah and 12 of these courses have always reported no snow on June 1 in the past. Snow surveys taken the last week of May indicate that the snow line was still down to the 7,000 foot level on the Bear, Ogden, and Jordan Rivers and down to the 7,500 foot level on the Weber and Provo Rivers. On the Upper Green and Duchesne River drainages, the snow level was still generally down to the 8,000 foot level. Even southern Utah had snow at the 8,500 foot level.

The Klondike Narrows snow course on the Logan River has an average June 1 snow water content of 1.0 inches, but this year reported 13.7 inches of water. The previous high water content on that course was 2.8 inches in 1967. On the Ogden River, Ben Lomond Peak still had 52.3 inches of water and a snow depth of 107 inches, far exceeding the previous high of 19.4 inches for June 1. Parley's Canyon Summit and Smith & Morehouse snow courses on the Weber River never have had snow on June 1, but this year reported 10.3 and 5.3 inches, respectively. On the Provo River, Soapstone Ranger Station never has had snow by the June 1 reading, but had 2.9 inches of water; and Trial Lake snow course was 156% of the June 1 average. Silver Lake (Brighton) on Big Cottonwood Creek near Salt Lake City still had 35.8 inches of water, above the average of 15.0 inches and record high of 29.1 inches. In the Uinta Basin, Mosby Mountain on Ashley Creek at 9.2 inches of snow water content was nearly 3 times the June 1 average and equalled the previous all time high of 1968. Lakefork Mountain was 259% of average but was slightly below the record high of 12.2 set in 1965. Steel Creek Park snow course between the Smith's Fork and Black's Fork drainages had 21.5 inches of water, slightly above the all time high of 19.9 inches reported in 1968. In southern Utah on the Virgin River, Webster Flat snow course with 9.2 inches was more than 4 times the June 1 average but was below the all time record. On the Ephraim Creek drainage, GBRC Headquarters at 13.9 inches was 5 times its average for June 1 and above the previous record of 11.2 inches in 1965. Midway Valley on the Upper Sevier was 189% of the June 1 average and slightly below the all time record set for that course in 1957.

PRECIPITATION

Mountain precipitation station readings range from near average to better than 3 times average for May. Heavy precipitation areas were on the Weber, Provo, Duchesne and Price and Ashley drainages which were 2 to 3 times average. Other areas of the state were generally average to 2 times average.

WATER SUPPLY OUTLOOK (continued)

RESERVOIR STORAGE

Most Utah reservoirs, excluding Colorado River storage reservoirs, are full or expected to fill in early June except for Minersville, Sevier Bridge and maybe Moon Lake. Reservoirs on the Weber and Ogden Rivers released water earlier to assist in reducing peak flows but are now filling as planned.

Utah Lake is 0.31 foot above compromise level and Great Salt Lake was 4201.35 feet above mean sea level and 0.05 foot above the peak level last year and the highest level reached in 46 years, according to the U.S. Geological Survey.

STREAMFLOW

Above normal May precipitation at most mountain stations is expected to cause flows higher than forecast on May 1 throughout the state except on the Beaver River, Antimony Creek, and East Fork of the Sevier near Kingston. The forecast for Hardscrabble Creek near Porterville appears to be even higher than previously forecast, and reports from local landowners indicate higher peak flows than any in the last 40 years.

Streamflow during May ranged from 41% of average on Whiterocks River in Uinta Basin to 165% of average on San Juan River near Bluff. Measurements on seven key gaging stations were 89% of average as compared to 113% a year ago, according to the U.S. Geological Survey. Snow melt was retarded by below normal temperatures, and it is expected that runoff for the later part of the snow melt season will be much above average.

SNOW

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)						
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)		CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE			
				Last Year		Date of Reading	Month's Precipitation	Average †	This Year	Average †	Percent of Average	
GREAT BASIN					2 Yrs. Ago							
UPPER BEAR RIVER (Above Harer, Idaho)												
Burts-Miller Ranch	5/27	0	0.0	0.0	0.0	5/27	2.75	2.32a	13.99	13.99a	100	
Hayden Fork	5/27	37	16.3	17.0	0.0	5/27	5.30	3.88a	31.99	28.60a	112	
Monte Cristo Ranger Station	5/28	58	26.9	6.0	5.9	5/28	4.73	2.27b	37.94	35.35b	107	
Salt River Summit	No June Measurement					5/30	3.15	1.45	26.50	20.64	128	
Stillwater Camp	5/27	10	2.9	0.0	0.0	5/27	3.45	2.22	19.87	17.32	115	
LOWER BEAR RIVER (Below Harer, Idaho)												
Franklin Basin*	5/28	65	31.2	- -	- -	5/28	Data Not Available - USU					
Garden City Summit	5/28	24	10.0	0.0	0.0	5/28	2.65	1.88b	25.83	25.24b	102	
Klondike Narrows*	5/28	29	13.7	0.0	0.0	5/28	Data Not Available - USU					
Little Bear (upper)	5/28	0	0.0	- -	- -							
Little Bear (lower)*	5/28	0	0.0	- -	- -	5/28	Data Not Available - USU					
Steep Hollow #1	5/28	100	48.2	29.9	13.0							
Steep Hollow #2	5/28	55	26.1	5.0	0.0							
Tony Grove Ranger Station*	5/28	0	0.0	0.0	0.0	5/28	Data Not Available - USU					
Clarkston Mountain*						5/28	Data Not Available - USU					
Deer Springs*						5/28	Data Not Available - USU					
OGDEN RIVER												
Beaver Creek Skunk Creek	5/28	0	0.0	0.0	0.0							
Ben Lomond (lower)	5/28	5	2.3	0.0	0.0	5/28	5.17	2.86b	42.87	32.18b	133	
Ben Lomond Peak*	5/28	107	52.3	4.9	16.2							
Causey Dam						5/28	2.79	1.59a	21.28	18.23a	117	
Cutler Creek	5/28	76	36.0	0.0	0.0							
Dry Bread Pond	5/28	44	21.1	0.0	0.0	5/28	3.63	2.22b	35.04	27.38b	128	
Sagebrush Flat	5/28	0	0.0	0.0	0.0	5/28	2.35	1.41b	22.63	18.29b	124	
WEBER RIVER												
Beaver Creek R.S.	5/29	0	0.0	- -	- -							
Chalk Creek #1	5/27	62	26.4	14.8	11.4							
Chalk Creek #2*	5/27	27	10.8	0.0	0.0	5/27	Data Not Available - USU					
Chalk Creek #3	5/27	0	0.0	0.0	0.0	5/27	3.67	2.17b	21.42	17.76b	121	
Farmington Canyon (lower)	6/4	Measurement Delayed										
Farmington Canyon (upper)	5/29	102	48.6	1.0	7.8							
Farmington Canyon G.S.	6/4	Measurement Delayed										
Horse Ridge	5/29	38	18.5	0.0	0.0	5/28	4.65	2.21a	37.08	32.87a	113	
Kilfore Creek	5/29	2	0.9	- -	- -							
Lost Creek Reservoir	5/29	0	0.0	- -	- -	5/29	2.16	- -	16.58	- -	- -	
Parleys Canyon Summit	5/29	23	10.3	0.0	0.0	5/29	6.55	2.09	40.24	28.82	140	
Redden Mine (lower)	5/29	38	17.5	0.0	- -							
Redden Mine (upper)						5/29	5.65	2.56a	37.55	27.57a	136	
Sargeant Lakes A						6/4	Measurement Delayed					
Smith & Morehouse	5/28	13	5.3	0.0	0.0	5/28	5.41	2.18	28.24	24.21	117	
PROVO RIVER & UTAH LAKE												
Beaver Creek Divide	5/22	19	5.5	- -	- -							
Camp Altamont	5/29	0	0.0	0.0	0.0							
Clear Creek Ridge #1	5/28	37	17.2	0.0	- -							
Clear Creek Ridge #2	5/28	8	3.1	0.0	0.0	5/28	5.30	1.79	22.99	20.34	113	
Clear Creek Ridge #3	5/28	0	0.0	0.0	- -							
Dutchman Ranger Station	5/30	15	6.8	0.0	0.0	5/30	5.05	2.10	36.70	26.98	136	
East Shingle Lake A	5/29	92	41.0	- -	- -							
Hobble Creek Summit	5/29	0	0.0	0.0	0.0	5/29	5.30	1.91	28.65	21.62	132	
Packard Canyon	5/29	0	0.0	0.0	- -							
Payson Ranger Station	5/27	20	9.2	0.0	0.0	5/27	4.20	1.83	24.80	23.00	108	
Rock Bridge	5/27	0	0.0	0.0	- -							
Soapstone Ranger Station	5/29	7	2.9	0.0	0.0	5/28	5.10	1.71	26.91	20.64	130	
South Fork Ranger Station	5/29	0	0.0	0.0	- -							
Timpanogos Cave Camp	5/29	0	0.0	0.0	- -							
Timpanogos Divide	5/29	42	20.6	0.0	0.0	5/31	4.80	- -	- -	- -	- -	
Trial Lake	5/29	69	31.0	21.6	18.0	5/29	5.90	2.54	36.38	29.98	121	

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)		CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
				Last Year	2 Yrs. Ago	Date of Reading	Month's Precipitation	Average †	This Year	Average †	Percent of Average
NAME											
JORDAN RIVER & SALT LAKE											
Bevan's Cabin	5/28	0	0.0	- -	- -						
Lamb's Canyon	5/30	6	2.2	0.0	0.0						
Lamb's Canyon #2	5/30	11	4.3	0.0	0.0						
Middle Canyon - Tooele	5/28	10	4.6	0.0	0.0	5/28	2.80	2.40b	- -	23.21b	- -
Mill Creek	5/30	50	23.0	- -	- -						
Mill D South Fork	5/29	33	16.5	0.0	0.0						
Silver Lake (Brighton)	5/29	56	35.8	0.0	8.5						
Vernon Creek	5/29	0	0.0	0.0	0.0	5/28	5.85	- -	25.58	- -	- -
UPPER SEVIER RIVER (South of Richfield, Utah)											
Castle Valley	5/28	0	0.0	0.0	0.0	5/28	2.37	1.47	22.39	18.99	118
Duck Creek Ranger Station	5/29	0	0.0	0.0	0.0	5/29	3.00	1.71	24.35	22.08	110
Kimberly Mine	5/29	28	11.6	0.0	3.0	5/29	3.98	2.17	27.32	23.18	118
Midway Valley	5/26	47	22.9	0.0	21.8	5/29	4.70	- -	32.90	- -	- -
Panguitch Lake	5/28	0	0.0	0.0	0.0	5/28	1.68	.88	12.08	9.29	130
Widtsøe Escalante #3	5/30	2	0.6	0.0	0.0	5/30	1.62	1.66	20.03	17.10	117
Widtsøe Escalante #2	5/30	4	1.5	- -	- -						
Widtsøe Ranger Station						5/28	.53	- -	7.61	- -	- -
LOWER SEVIER RIVER (Including San Pitch)											
Beaver Dams	5/29	0	0.0	0.0	- -	5/29	2.85	2.14	22.75	18.22	125
Farnsworth Lake	5/23	56	24.5	- -	18.2	5/23	3.20	2.79	30.50	26.22	116
G.B.R.C. Headquarters	5/30	30	13.9	0.0	1.0	5/30	4.50	2.01	28.70	23.35	123
G.B.R.C. Majors						5/30	2.85	2.08b	16.42	- -	- -
G.B.R.C. Meadows	5/30	65	30.1	7.3	17.8	5/30	4.05	2.44b	34.13	- -	- -
G.B.R.C. Oaks						5/30	3.25	1.58b	19.78	- -	- -
Gooseberry Ranger Station	5/23	20	8.4	0.0	- -	5/23	2.40	2.02	21.10	18.42	114
Mammoth R.S.-Ctnwood Creek	5/28	39	19.3	0.0	2.5	5/28	4.50	2.00b	32.05	24.19b	132
Mt. Baldy Ranger Station	5/29	59	26.6	13.1	- -	5/29	3.35	2.67b	28.30	23.51b	120
Oak Creek	5/29	0	0.0	0.0	0.0	5/29	5.39	1.72a	26.79	19.05a	141
Pine Creek	5/30	21	10.3	0.0	0.0	5/30	4.64	3.00	35.58	30.70	116
Shingle Mill	5/30	0	0.0	0.0	- -	5/30	4.38	2.06b	26.47	19.33b	137
BEAVER RIVER											
Beaver Canyon Power House						5/31	1.84	1.37	12.71	12.37	103
Big Flat	5/30	41	18.0	4.9	19.8	5/30	2.57	2.79b	22.68	22.52b	101
Merchant Valley	5/30	0	0.0	0.0	0.0	5/30	2.31	2.35a	19.58	19.36a	101
Otter Lake	5/30	24	9.1	- -	7.8						
PAROWAN CREEK											
Brian Head	5/29	41	14.9	0.0	19.6						
Tall Poles	5/29	16	4.8	0.0	6.0	5/29	2.80	1.67a	23.70	23.77a	100
Yankee Reservoir	5/29	0	0.0	0.0	0.0	5/29	2.70	1.43	20.35	14.77	129
ENTERPRISE TO NEW HARMONY DRAINAGES											
Little Grassy Creek	5/30	0	0.0	0.0	0.0	5/30	2.00	.88	19.60	15.61	126
Long Flat	5/28	0	0.0	0.0	0.0	5/28	2.15	1.23b	20.70	14.24b	145
COLORADO RIVER BASIN											
UPPER GREEN RIVER - UTAH											
Ashley Twin Lakes A											
Blacks Fork Junction	5/27	13	3.8	0.0	0.0	5/27	3.75	2.35b	17.00	16.82b	101
Blacks Fork G.S.-East Fork	5/27	20	6.6	0.0	0.0	5/27	4.35	2.44b	20.27	17.55b	116
Buck Pasture A	5/27	51	16.8	- -	- -						
Burnt Creek	5/22	24	3.9	0.0	0.0	5/22	7.25	2.84	19.81	14.91	133
Grizzly Ridge	5/22	36	9.3	0.0	- -	5/22	7.86	2.64b	22.07	19.33b	114
Henry's Fork A											

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD		PRECIPITATION (Inches)					
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)		CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
				Last Year	2 Yrs. Ago	Date of Reading	Month's Precipitation	Average +	This Year	Average +	Percent of Average
NAME											
<u>UPPER GREEN - (Continued)</u>											
Hewinta G.S.	5/27	21	6.6	0.0	0.0	5/27	4.82	2.51b	20.30	18.40b	110
King's Cabin (upper)	5/22	27	5.9	0.0	0.0	5/22	7.06	2.60	20.96	16.81	125
King's Cabin (lower)	5/22	16	3.2	- -	- -						
Reynolds Park A											
Windy Park A											
Steel Creek Park	5/27	57	21.5	- -	- -						
<u>DUCHESNE RIVER</u>											
Atwood Basin A											
Brown Duck Ridge	5/29	59	23.7	- -	- -	5/28	- -	- -	18.68	- -	- -
Chepeta-Whiterocks Lakes A											
Currant Creek	5/23	0	0.0	0.0	0.0	5/22	3.95	1.34b	20.90	17.24b	121
Daniels-Strawberry Summit	5/28	6	2.6	0.0	0.0	5/28	3.95	1.64	26.31	22.17	119
Five Point Lake A											
Indian Canyon	5/23	25	7.2	0.0	0.0	5/23	3.70	1.71b	24.00	17.37	138
Jackson Park	5/29	45	16.9	- -	- -						
Lake Basin	5/29	88	41.3	- -	- -	5/29	4.57	- -	27.73	- -	- -
Lakefork Basin A											
Lakefork Mountain	5/27	33	11.4	0.0	0.0	5/27	4.32	2.26	22.82	17.49	130
Lakefork Mountain #2	5/27	0	0.0	0.0	0.0						
Lakefork Mountain #3	5/27	0	0.0	0.0	0.0						
Lightning Lake A											
Mosby Mountain	5/28	28	9.2	0.0	0.0	5/28	5.60	2.65a	23.25	15.91a	146
Paradise Park	5/28	37	13.6	0.0	5.9	5/28	6.09	2.50	25.44	20.56	124
Rock Creek	5/29	0	0.0	0.0	0.0	5/29	4.27	1.59	20.66	14.79	140
Trout Creek	5/29	30	9.1	- -	- -	5/29	9.05	- -	20.80	- -	- -
<u>PRICE RIVER</u>											
Gooseberry Reservoir	5/29	39	18.7	0.0	0.0	5/28	5.15	2.04	32.25	23.62	136
Mud Creek #2	5/30	0	0.0	0.0	0.0	5/28	4.30	1.66	23.76	18.56	128
White River #1	5/30	14	6.0	0.0	0.0	5/30	4.55	1.41	22.90	18.30	125
<u>SAN RAFAEL RIVER</u>											
Buck Flat	5/28	34	13.2	0.0	0.0	5/28	4.00	2.15	28.80	22.43	128
Orange Olsen	5/27	0	0.0	0.0	0.0	5/27	1.55	.79a	12.20	10.85a	112
Rush Pond	5/28	26	9.1	- -	- -						
Stuart Ranger Station	5/29	0	0.0	0.0	0.0	5/29	2.90	1.40b	17.90	15.72b	114
<u>FREMONT RIVER</u>											
Blacks Flat-U.M. Creek	5/27	10	4.0	0.0	0.0	5/27	2.28	1.81	19.61	16.28	120
Fish Lake	5/27	0	0.0	0.0	0.0	5/27	1.54	1.40b	15.17	12.48b	122
<u>MILL CREEK</u>											
LaSal Mountain (upper)	5/30	10	3.2	0.0	5.6	5/30	3.45	2.31b	22.80	20.57b	111
LaSal Mountain (lower)	5/30	0	0.0	0.0	0.0						
<u>SAN JUAN RIVER</u>											
Buckboard Flat	5/28	0	0.0	0.0	2.4	5/28	2.45	1.73	29.12	22.26	131
Camp Jackson	5/28	0	0.0	0.0	0.0	5/28	1.65	1.33b	26.80	19.28b	139
Monticello City Park	5/28	0	0.0	0.0	- -						
<u>VIRGIN RIVER</u>											
Kolob Crystal**	5/27	33	18.2	- -	- -	5/27	3.00	- -	- -	- -	- -
Webster Flat	5/27	13	9.1	0.0	6.9	5/27	2.05	1.90b	32.10	24.98	128
a - Partly Estimated b - Average of all past record - less than 15 years + - 1958-72 Average * - USU-SCS Cooperative Radio Reading ** - SCS Radio Reading A - Aerial Marker Reading											

SNOW

SNOW						PRECIPITATION (Inches)					
DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR			PAST RECORD		CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)		Date of Reading	Month's Precipitation	Average †	This Year	Average †	Percent of Average
				Last Year	Average †						
ADDITIONS AND CORRECTIONS TO PREVIOUSLY PUBLISHED 1975 DATA											
JANUARY 1, 1975											
Stuart Ranger Station (Old)	1/6	18	3.1	2.0	5.4						
Stuart Ranger Station (New)	1/6	19	3.1	2.0	4.7						
White River #1	1/7	32	5.5	- -	7.3						
White River #2	1/7	25	3.8	- -	4.5						
White River #3	1/7	21	3.6	- -	5.4						
FEBRUARY 1, 1975											
Jackson Park	1/31	38	8.7	- -	- -						
Kolob-Crystal	2/3	44	10.6	- -	- -						
Middle Canyon - Tooele	1/29	35	10.0	12.3	8.0						
Rainbow Point	2/7	21	4.9	5.1	- -						
Vernon Creek	1/29	21	5.9	8.3	- -						
MARCH 1, 1975											
No Corrections											
APRIL 1, 1975											
No Corrections											
MAY 1, 1975											
Bevan's Cabin	4/29	43	14.9	10.0	3.4						
Vernon Creek	5/3	22	9.0	0.0	- -						



INDEX TO UTAH, BEAR & UPPER COLORADO RIVER BASINS

GREAT BASIN DRAINAGE

NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.	NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
GREAT BASIN DRAINAGE													
UPPER BEAR RIVER (above Harer, Idaho)													
10G11	W	Big Park	7	27N	117W	8,700	11J18P	U	Timpanogas Cave Camp	27	45	2E	5,500
10J6P	W	Burbs-Miller Ranch	19	3N	10E	7,900	11J21P	U	Timpanogas Divide	33	43	3E	8,140
10G7	W	CCC Camp x	9	29N	118W	7,500	10J8P	U	Trial lake	5	25	9E	9,800
10J36p	U	Gold Hill	11	1N	9E	10,000							
10J7P	U	Hayden Fork	25	1N	9E	9,400							
10G12	W	Little Lost Creek	17	28N	118W	8,200							
10J35p	W	Little Lost Guard Station x	13	28N	118W	9,300							
10J35p	W	Little Lost Guard Station x	34	2N	10E	9,300							
11G12P	W	Monte Cristo R.S.	4	8N	4E	8,960							
10G10	W	Piney LaBarge x	19	29N	114W	8,500							
10G6	W	Poison Meadows x	29	30N	116W	8,500							
10G8P	W	Salt River Summit x	32	29N	118W	7,900							
10G13MP	W	Snyder Basin x	15	29N	115W	8,400							
10J7P	W	Swifwater Camp	32	2N	10E	8,550							
LOWER BEAR RIVER (below Harer, Idaho)													
11H3P	U	Bug Lake	18	11N	5E	7,950	12K2P	U	Vernon Creek	21	105	5W	7,500
11H36p	U	Bunchgrass	5	13N	3E	8,400							
11G11	U	Christensen Ranch	27	13S	4E	5,600							
11H1P	U	Christensen Creek	1	13S	4E	5,600							
12H1P	U	Christensen Ranch	29	14N	2W	6,300							
11G12	U	Cab River Ranger Station	5	15S	4E	5,400							
11H33P	U	Curtis Creek	12	10N	4E	8,450							
11H39p	U	Deer Springs	34	10N	4E	8,400							
11G14a	U	Dry Basin	30	13S	42E	7,900							
12G4	U	Dry Creek Flat	31	13S	37E	6,350							
11G6	U	Emigrant Summit	21	12S	42E	7,350							
11G16MP	U	Emigration Canyon (mouth)	24	12S	44E	6,500							
11G17MP	U	Emigration Canyon	25	12S	44E	6,500							
11H2MP	U	Golden Chozo Summit	12	14N	2E	7,600							
13H4SP	U	George Park	4	13N	4W	9,000							
11H2P	U	Hell Canyon	24	11N	2W	6,400							
11H40p	U	Herd Hollow	4	11N	3E	7,000							
11G15a	U	Horseshoe Basin	31	13S	42E	8,000							
11H1MP	U	Klondike Narrows	10	14N	3E	7,400							
11G13	U	Liberty Springs	7	13S	4E	8,240							
11H1P	U	Little Bear (lower)	15	8N	1E	6,500							
11H25P	U	Little Bear (upper)	12	8N	1E	6,000							
11H6	U	Little Bear (upper)	3	11N	2E	9,000							
12G3	U	Oxford Mountain	32	13S	37E	6,800							
11H46p	U	Paradise Canyon	36	10N	2E	7,650							
11G5	U	Slug Creek Divide	15	10S	44E	7,225							
11H27	U	Steep Hollow #1	7	14N	3E	8,500							
11H28	U	Steep Hollow #2	9	14N	3E	7,700							
11G9	U	Strawberry Creek	9	13S	41E	5,800							
11G10	U	Strawberry Creek	14	13S	4E	7,400							
11G11	U	Strawberry Mink Divide	15	any	any	9,000							
11H3M	U	T.G. Ranger Station	1	13N	3E	6,250							
11H4P	U	Triquetra Springs	29	12N	4E	7,600							
11G4P	U	Willow Flat	2	15S	41E	6,100							
OGDEN RIVER													
11H14M	U	Beaver Creek-Slunk Creek	22	8N	3E	7,150	12L13	U	Beaver Race Track	23	29S	7W	6,020
11H8P	U	Ben Lomond Peak	3	7N	1W	8,000	12L7PS	U	Big Flat	18	29S	4W	10,290
11H30P	U	Ben Lomond (lower)	1	7N	1W	6,000	12L9PS	U	Merchant's Valley	8 & 9	29S	5W	8,200
11H30P	U	Ben Lomond Trail	2	7N	1W	6,000	12L8	U	Other Lake	1	29S	5W	9,300
11H35P	U	Cauley Dam	34	7N	3E	5,500							
11H35P	U	Cauley Creek	39	7N	3E	5,500							
11H35P	U	Curtler Creek	19	8N	1E	6,780	12M16	U	8inch Crossing	23	35S	9W	8,100
11H34P	U	Currier Creek	13	8N	1E	6,780	12M14	U	Elran Head	10	36S	9W	10,000
11H34P	U	Currier Creek	13	8N	1E	6,780	12M15	U	Elran Head	10	36S	9W	10,000
11H34P	U	Currier's Peak	21	6N	4E	8,650	12M14	U	Tall Pine	17	36S	9W	8,800
11H42p	U	Magpie	29	6N	3E	7,700	12M15	U	Tall Pine	26 & 35	36S	9W	8,800
11H45p	U	Middle Fork Ogden	16	7N	2E	8,420	12M11P	U	Yankee Reservoir	20	35S	8W	8,700
11H49	U	Powder Mountain Hidesway	6	7N	2E	8,250							
11H48	U	Powder Mountain Sundown	4	7N	2E	8,400							
11H15P	U	Sagebrush Flat	21	7N	1E	8,400	13M4MP	U	ENTERPRISE TO NEW HARMONY DRAINAGES	15	38S	17W	6,100
							13M2MP	U	Little Grassy Creek	2	38S	14W	8,000
WEBER RIVER													
11J24	U	Beaver Creek R.S.	28	2S	7E	7,500							
11J1P	U	Chalk Creek #1	4	1N	8E	9,100							
11J2MP	U	Chalk Creek #2	17 & 20	2N	8E	7,900	12M17	U	COAL CREEK				
11J3MP	U	Chalk Creek #3	7	2N	8E	7,900							
11J1P	U	Chalk Creek #3	26	3N	1E	8,000							
11J1P	U	Chalk Creek #3	26	3N	1E	8,000							
11H44e	U	Emigration Canyon (lower)	29	5N	4E	7,400							
11H44e	U	Francis Canyon	29	5N	4E	7,400							
11J45	U	East Single Lake	6	3N	10W	9,800							
11J37p	U	Hardscabble	16	2N	2E	6,500							
11H43p	U	Hoodoo Knoll	22	5N	3E	8,350							
11H23P	U	Hoodoo Ridge	1	6N	4E	8,260							
11H23P	U	Hoodoo Ridge	1	6N	4E	8,260							
SOUTHEASTERN UTAH DRAINAGES													
9M1P	U	Buckhorn Flat	36	33S	22E	9,000							
9M2P	U	Camp Jackson	22	34S	22E	8,600							
9L1	U	LaSal Mountain	5	27S	24E	8,600							
9L2P	U	LaSal Mountain (upper)	3	27S	24E	8,600							
9M3	U	Monticello Park	25	33S	23E	7,050							
ESCALANTE RIVER													
11M1	U	Widhoee-Escalante Summit	22	34S	1W	9,500							
11M2PT	U	Widhoee-Escalante #2	22	34S	1W	9,500							
11M3P	U	Widhoee-Escalante #3	22	34S	1W	9,500							
VIRGIN RIVER													
13M5PS	U	Kolob-Crystal	2	38S	11W	9,250							
12M6	U	Long Valley Junction	22	38S	6W	7,500							
12M3MPT	U	Webster Flat	20	37S	9W	9,200							

COLORADO RIVER DRAINAGE

UPPER GREEN RIVER IN UTAH (above Duchene River)	
Ashley Twin Lakes	20 15 19E
Black's Fork G.S.-East Fork	33 12E 10,500
Black's Fork	33 12E 8,925
Black Fork Junction	33 11E 9,700
Black Butte	14 11N 7,900
Bumt Creek	4 11N 20E 8,500
Grizzly Ridge	8 15 22E 8,500
Henry's Fork	29 21N 14E 10,000
Hewinto G. S.	33 13E 9,500
Hickerson Park	23 11N 10,250
Hickerson Park	23 11N 10,250
Hole-in-the-Rock G. S.	33 15E 9,150
Hole-in-the-Rock	32 3N 16E 8,300
King's Cabin (lower)	23 & 26 15 21E 8,600
King's Cabin (upper)	22 15 21E 8,730
McCoy Park	6 11N 10,680
Middle Beaver Creek	3 11N 10,400
Reynolds Park	3 15 18E 10,400
Spirit Lake	10 11N 17E 10,300
Steel Creek Park	17 21N 13E 9,900

LEGEND

Numbering System (example)

1017	Snow Course Only
1017p	Snow Course and Precipitation Gage
1017M	Snow Course and Soil Moisture Station
1017A	Snow Course and Aerial Marker
1017MA	Snow Course, Soil Moisture Station and Aerial Marker
1017pM	Snow Course, Soil Moisture Station and Precipitation Gage
1017pMA	Snow Course, Soil Moisture Station, Precipitation Gage and Aerial Marker
1017pM Only	Snow Course Only and Precipitation Gage Only
1017pMA Only	Snow Course Only, Precipitation Gage Only, and Aerial Marker Only
1017pMA Only	Snow Pillow and Temperature

Agencies Cooperating in Utah Snow Surveys

U.S. GOVERNMENT AGENCIES

U.S. Department of Agriculture
Soil Conservation Service
Forest Service
U.S. Department of Commerce
NOAA, National Weather Service
U.S. Department of Interior
Bureau of Reclamation
Geological Survey
National Park Service

STATE AGENCIES

Utah State University
Utah Fish and Game Department
Utah State Department of Natural
Resources, Division of Water Rights
Bear River Commissioner
Price River Commissioner
Provo River Commissioner
Sevier River Commissioners
Spanish Fork River Commissioner
Utah Lake and Jordan River Commissioner

MUNICIPALITIES

Manti
Salt Lake City

ORGANIZED PUBLIC AGENCIES

Beaver River Water Users Association
Board of Canal Presidents - Jordan River
Emery Canal and Reservoir Company
Moon Lake Water Users Association
Ogden River Water Users Association
Provo River Water Users Association
Strawberry Water Users Association
Sevier River Water Users Association

PRIVATE AGENCIES

Kaiser Steel Corporation

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